

## REMARKS

### I. Status Summary

Claims 2-39, 41 and 42 are pending in the present application. Claims 2-8, 10-26, 29, 32 and 33 have been indicated as allowed, and claims 37-39 have been indicated as allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims. Claims 9, 27, 28, 30, 31, 34-36, and 41-42 presently stand rejected. Claims 9, 27, 29-30, 32, and 34-39 have been amended. Therefore, upon entry of this amendment, claims 2-39 and 41-42 will be pending.

### III. Allowed and Allowable Claims

Applicants acknowledge with appreciation the allowance of claims 2-8, 10-26, 29, and 32-33. Applicants acknowledge that claims 37-39 are objected to as being dependent upon a rejected base claim, but that they would be allowable if rewritten in independent form to include all of the limitations of the base claim and any intervening claims.

Claim 37 has been rewritten in independent form to include all of the elements of claim 34, from which claim 37 depended. Therefore, it is respectfully submitted that claim 37 should now be allowed.

Claim 38 has been rewritten in independent form to include all of the elements of claims 34 and 37, from which claim 38 depended. Therefore, it is respectfully submitted that claim 38 should now be allowed.

Claim 39 has been rewritten in independent form to include all of the elements of claims 34 and 37, from which claim 39 depended. Therefore, it is respectfully submitted that claim 39 should now be allowed.

#### VI. Rejections under 35 U.S.C. § 103

Claims 19, 27-28, 30-31, 34-36 and 41-42 are rejected under 35 U.S.C. § 103(a) as being unpatentable over U.S. Patent No. 6,633,563 to Lin et al. (hereinafter, "Lin"). This rejection is respectfully traversed.

Independent claim 9 has been amended to include the features of independent claims 2, 17, and 18 which are indicated as allowed. Accordingly, claim 9 now recites a method for dynamic media gateway resource management wherein pooling voice server resources includes combining M voice server cards into the shared pool of voice server resources, M being an integer, wherein each voice server card includes  $N_m$  voice chips,  $N_m$  being an integer representing the number of voice chips on the  $m^{\text{th}}$  voice server card, and each voice chip supports  $K_{mn}$  voice channels,  $K_{mn}$  being an integer representing the number of channels of the  $n^{\text{th}}$  voice chip on the  $m^{\text{th}}$  voice server card. The method further includes terminating a data link layer connection associated with each session at one of a plurality of network interface cards within the media gateway and forwarding packets from the network interface card to the voice processing resource using the logical resource identifier assigned to each session and one or more addresses in each received packet and wherein forwarding each packet to the assigned voice processing resource includes forwarding each packet by comparing a destination IP address, destination UDP port, source UDP port combination in each packet to a

plurality of local IP address, local UDP port, remote IP address, remote UDP port combinations assigned to active sessions in the media gateway. Because independent claim 9, as currently amended, recites a combination of novel features found claims 2, 17, and 18 that are not disclosed, taught, or suggested by the Lin, it is respectfully submitted that the rejection of claim 9 as unpatentable over Lin should be withdrawn.

Independent claims 27 and 30 have been amended to include the features of independent claim 19, which is indicated as allowed. Thus, claims 27 and 30 now recite systems for dynamic media gateway resource allocation on a per session basis wherein the plurality of voice chips are pooled by combining M voice server cards into the shared pool of voice server resources, M being an integer, wherein each voice server card includes  $N_m$  voice chips,  $N_m$  being an integer representing the number of voice chips on the  $m^{\text{th}}$  voice server card, and each voice chip supports  $K_{mn}$  voice channels,  $K_{mn}$  being an integer representing the number of channels of the  $n^{\text{th}}$  voice chip on the  $m^{\text{th}}$  voice server card where  $N_m$  and  $K_{mn}$  are different for at least some of the voice chips. The systems further recite that the dynamic resource manager is configured to dynamically assign a logical resource identifier to each session. Claims 28 and 30 depend from independent claims 27 and 30, respectively. Therefore, it is respectfully submitted that the rejection of claims 27 and 30 and their dependent claims as unpatentable over Lin should be withdrawn.

Independent claim 34 has been amended to include the features of claim 2, which is indicated as allowed. Thus, claim 34 recites a computer program product for dynamic media gateway resource management including the features recited in claim 2. Claims 35-36 and 41-42 depend from claim 34. Because independent claim 34, as

currently amended, recites a combination of novel features found in claim 2 that are not discloses, taught or suggested by the prior art, it is respectfully submitted that the rejection of independent claim 34 and its dependent claims as unpatentable over Lin should be withdrawn.

Additionally, minor amendments have been made to the claims in order to improve the readability of the claims and to better clarify the subject matter described in the present application.

### CONCLUSION

In light of the above remarks, it is respectfully submitted that the present application is now in proper condition for allowance, and an early notice to such effect is earnestly solicited.

If any small matter should remain outstanding after the Patent Examiner has had an opportunity to review the above Remarks and Amendments, the Patent Examiner is respectfully requested to telephone the undersigned patent attorney in order to resolve these matters and avoid the issuance of another Official Action.

DEPOSIT ACCOUNT

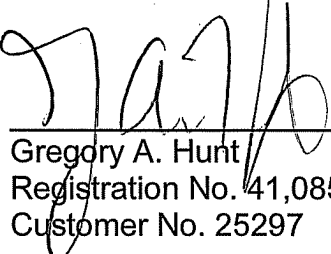
The Commissioner is hereby authorized to charge the \$120.00 1-month extension of time fee, any deficiencies of payment, or credit any overpayment associated with the filing of this correspondence to Deposit Account No. 50-0426.

Respectfully submitted,

JENKINS, WILSON, TAYLOR & HUNT, P.A.

Date: March 7, 2008

By: \_\_\_\_\_

  
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